

NoSQL Basics/Fundamentals

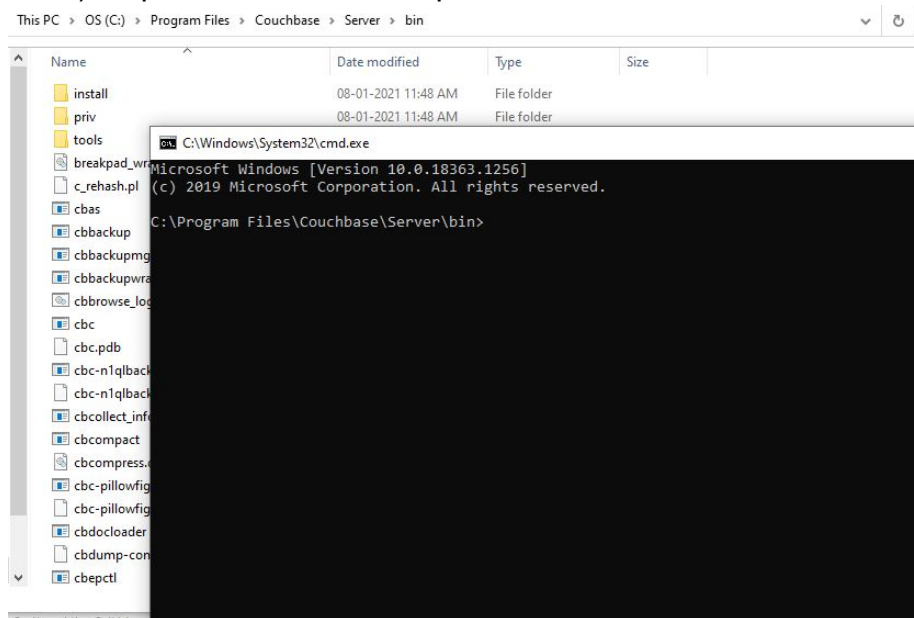
Spring AU 2021

Ajay S

ajay.s@accolitedigital.com

Assignment:

1. Import `travel-sample` bucket
2. Write a query to get the sum of all distances where type="route" for each airline id.
3. Write queries to join(LEFT,RIGHT,INNER) type="route"&"airline" and fetch the data whose sourceairport="SFO"
4. Write a mapreduce to get the number of all documents based on entities(type).
5. Refer CLI interface & try to export the travel sample data. Below are the steps:
 - a) Go to Couchbase Bin folder - C:\Program Files\Couchbase\Server\bin
 - b) Open Command Prompt from the bin folder



- c) Run the below command to export the data from travel-sample bucket:
`cbexport json -c couchbase://127.0.0.1 -u <USER NAME> -p <password> -b travel-sample -o C:/travelSample.json -f lines -t 4`

D) Create a new Bucket "NewBucket" & import the data to it:

```
cbimport json -c couchbase://127.0.0.1 -u <User Name> -p <password> -b NewBucket -f lines -d file://C:/travelSample.json -t 4 -g %id%
```

E) Once the data is imported, please attach the screenshot.

Note:

-u --> UserId which you've created

-p --> password

-b --> bucket name

OS: Ubuntu 20.04 | Couchbase version: 7.0 (BETA)

1. Import `travel-sample` bucket (Screenshots)

General

Auto-Compaction

Email Alerts

Sample Buckets ▾

Sample Buckets
Sample buckets contain example data, views, and indexes for your experimentation.
Sample buckets — like all buckets in Couchbase Server 5.0+ — can only be accessed by a user with privileges for that bucket.

Available Samples
☐ gamesim-sample
☒ travel-sample

Installed Samples
beer-sample

Load Sample Data

General

Auto-Compaction

Email Alerts

Sample Buckets ▾

Sample Buckets
Sample buckets contain example data, views, and indexes for your experimentation.
Sample buckets — like all buckets in Couchbase Server 5.0+ — can only be accessed by a user with privileges for that bucket.

Available Samples
☐ gamesim-sample

Installed Samples
beer-sample
travel-sample

Load Sample Data

springAU > Buckets

ADD BUCKET

Dashboard

Servers

Buckets

XDCR

Security

Settings

Logs

Documents

Query

Indexes

Search

Views

filter buckets...

name ▾	items	resident	ops/sec	RAM used/quota	disk used	
beer-sample	0	100%	0	0B / 200MB	0B	Documents Scopes & Collections
travel-sample	0	100%	0	0B / 200MB	0B	Documents Scopes & Collections

2. Write a query to get the sum of all distances where type="route" for each airline id.

Query:

```
SELECT airlineid,
       COUNT(airlineid) AirlineCount,
       SUM(distance) DistanceSum
FROM `travel-sample`
WHERE type="route"
GROUP BY airlineid;
```

Screenshot

The screenshot shows the springAU Query interface. The top bar includes the springAU logo, a 'Query' tab, and buttons for 'IMPORT' and 'EXPORT'. Below the bar, the 'Query Editor' displays a SQL query: `SELECT airlineid, COUNT(airlineid) AirlineCount, SUM(distance) DistanceSum FROM `travel-sample` WHERE type="route" GROUP BY airlineid;`. The 'Query Results' section shows a table with 3 columns: 'AirlineCount', 'DistanceSum', and 'airlineid'. The table contains 10 rows of data. The 'Data Insights' panel on the right shows 'beer-sample' (1 collection) and 'travel-sample' (6 collections). The 'External Query Advisor' indicates a successful query with a response time of 896.5ms.

AirlineCount	DistanceSum	airlineid
124	315440.20952022856	airline_3737
28	121250.51601142721	airline_3200
29	108298.92675656719	airline_130
3	24047.338801949492	airline_1359
30	131577.2383141191	airline_1908
8	6400.345938790037	airline_3661
54	46136.78805767621	airline_2548
8	6768.716866562452	airline_5097
56	161201.14867547536	airline_515
200	1053125.6210031526	airline_2000

3. Write queries to join(LEFT,RIGHT,INNER) type="route"&"airline" and fetch the data whose sourceairport="SFO"

Inner Join:

```
-- Inner join

SELECT *
FROM `travel-sample` leftDoc
  JOIN `travel-sample` rightDoc ON leftDoc.airlineid =
META(rightDoc).id
WHERE leftDoc.sourceairport = "SFO"
```

BETA · PREVIEW MODE · UNSUPPORTED · NOT FOR USE IN PRODUCTION

activity help ajay

springAU > Query

Workbench

Dashboard
Servers
Buckets
XDCR
Security
Settings
Logs
Documents
Query
Indexes
Search
Views

Query Editor

< history (20/20) > bucket.scope

```
1 SELECT *
2 FROM `travel-sample` leftDoc
3 JOIN `travel-sample` rightDoc ON leftDoc.airlineid = META(rightDoc).id
4 WHERE leftDoc.sourceairport = "SFO"
```

Execute Explain External Query Advisor success just now elapsed: 40.6ms execution: 40.6ms docs: 183 size: 670502 bytes format

Query Results

Table JSON Tree Plan Plan Text

```
1 {
2 {
3 "leftDoc": {
4 "airline": "FL",
5 "airlineid": "airline_1316",
6 "destinationairport": "ATL",
7 "distance": 3434.7108309317646,
8 "equipment": "73G",
9 "id": 25480,
10 "schedule": [
11 {
12 "day": 0,
13 "flight": "FL993",
14 "utc": "09:17:00"
```

Transferring data from localhost...

Data Insights

- beer-sample 1 collection
- travel-sample 1 collection

Refresh

Left Join:

```
-- Left join
SELECT *
FROM `travel-sample` leftDoc LEFT
JOIN `travel-sample` rightDoc ON leftDoc.airlineid =
META(rightDoc).id
WHERE leftDoc.sourceairport = "SFO"
```

BETA · PREVIEW MODE · UNSUPPORTED · NOT FOR USE IN PRODUCTION

activity help ajay

springAU > Query

Workbench

Dashboard
Servers
Buckets
XDCR
Security
Settings
Logs
Documents
Query
Indexes
Search
Views

Query Editor

< history (21/21) > bucket.scope

```
1 SELECT *
2 FROM `travel-sample` leftDoc LEFT
3 JOIN `travel-sample` rightDoc ON leftDoc.airlineid = META(rightDoc).id
4 WHERE leftDoc.sourceairport = "SFO"
```

Execute Explain External Query Advisor success just now elapsed: 58.3ms execution: 58.2ms docs: 249 size: 890147 bytes format

Query Results

Table JSON Tree Plan Plan Text

```
1 {
2 {
3 "leftDoc": {
4 "airline": "FL",
5 "airlineid": "airline_1316",
6 "destinationairport": "ATL",
7 "distance": 3434.7108309317646,
8 "equipment": "73G",
9 "id": 25480,
10 "schedule": [
11 {
12 "day": 0,
13 "flight": "FL993",
14 "utc": "09:17:00"
```

Data Insights

- beer-sample 1 collection
- travel-sample 1 collection

Refresh

Right Join:

```
-- Right join

SELECT *
FROM `travel-sample` leftDoc RIGHT
    JOIN `travel-sample` rightDoc ON leftDoc.airlineid =
META(rightDoc).id
WHERE leftDoc.sourceairport = "SFO"
```

BETA · PREVIEW MODE · UNSUPPORTED · NOT FOR USE IN PRODUCTION

activity help ⌵ ajoy ⌵

springAU > Query

Workbench ⌵

Dashboard
Servers
Buckets
XDCR
Security
Settings
Logs
Documents
Query
Indexes
Search
Views

Query Editor

1 SELECT *
2 FROM `travel-sample` leftDoc RIGHT
3 JOIN `travel-sample` rightDoc ON leftDoc.airlineid = META(rightDoc).id
4 WHERE leftDoc.sourceairport = "SFO"

Execute Explain External Query Advisor success 1 min ago elapsed: 51.8s execution: 51.8s docs: 183 size: 670502 bytes format ↗

Query Results

Table JSON Tree Plan Plan Text

```
1 {  
2 {  
3   "leftDoc": {  
4     "airline": "FL",  
5     "airlineid": "airline_1316",  
6     "destinationairport": "ATL",  
7     "distance": 3434.7108309317046,  
8     "equipment": "73G",  
9     "id": 25480,  
10    "schedule": [  
11      {  
12        "day": 0,  
13        "flight": "FL993",  
14        "utc": "09:17:00"
```

Data Insights

- beer-sample 1 collection
- travel-sample 1 collection

Refresh ↻

retrieving data from localhost

4. Write a MapReduce to get the number of all documents based on entities(type)

Map code:

```
function (doc, meta) {  
  if (doc.type == "route")  
    emit(meta.id, null);  
}
```

Reduce function: `_count`

Screenshot:

The screenshot displays a MapReduce configuration interface. At the top, there are buttons for 'Make Copy' and 'Save Changes'. The 'Map' section contains a code editor with the following JavaScript function:

```
1 function (doc, meta) {  
2   if(doc.type == "route")  
3     emit(meta.id, null);  
4 }
```

The 'Reduce' section is titled 'Reduce (built in: `_count`, `_sum`, `_stats`)' and contains a code editor with:

```
1 _count
```

Below the code editors, there is a 'Results' section with a dropdown menu set to 'filter: ?limit=6&stale=false&connection_timeout=60000&inclusive_end=true&skip=0&full_set='. There are two buttons: 'Development Time Subset' (selected) and 'Full Cluster Data Set'. To the right are navigation buttons '<' and '>' and a 'Show Results' button.

The results table has two columns: 'Key' and 'Value'. The first row shows 'null' under 'Key' and '34' under 'Value'. The second row shows 'undefined' under 'Key' and an empty cell under 'Value'.

Key	Value
null	34
undefined	

5. Refer CLI interface & try to export the travel-sample data.

Export Command: `./cbexport json -c couchbase://127.0.0.1 -b travel-sample -o ~/Downloads/travelSample.json -f lines -t 4 -u ajay --scope-field _default -p`

Note: Had to give the “`--scope-field _default`” to export without error

Screenshots:

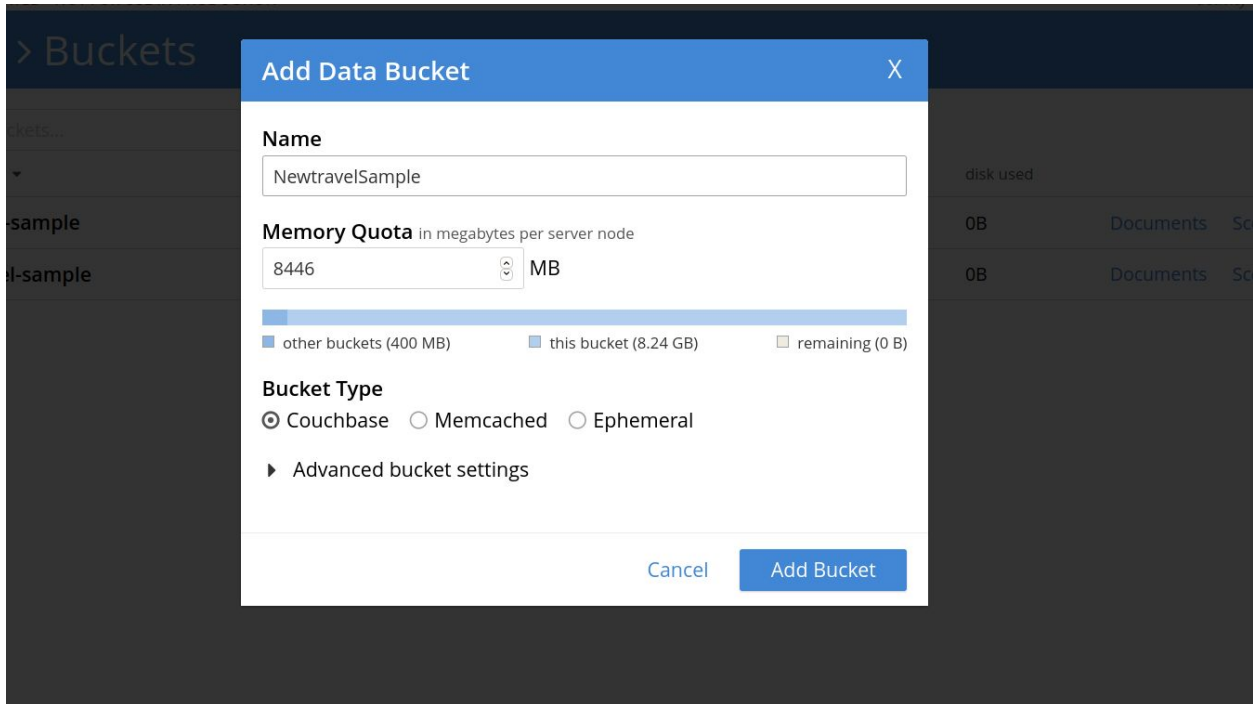
```
ajay@ajay-Predator-PH315-S1:/opt/couchbase/bin$ ./cbexport json -c couchbase://127.0.0.1 -b travel-sample -o ~/Downloads/travelSample.json -f lines -t 4 -u ajay --scope-field _default -p
Password:
JSON exported to '/home/ajay/Downloads/travelSample.json' successfully
Documents exported: 31591 Documents 31590 0
ajay@ajay-Predator-PH315-S1:/opt/couchbase/bin$
```

travelSample.json:

```
Activities Text Editor Jan 10 23:37
*travelSample.json
Loading travelSample.json from ~/Downloads
Cancel
1 [{"_type": "default", "default": "default", "airline": "AA", "airlineid": "airline_24", "destinationairport": "ANU", "distance": 2855.469242518965, "equipment": "738", "id": "5593", "schedule": [{"day": 0, "flight": "AA030", "utc": "12:46:00"}, {"day": 0, "flight": "AA049", "utc": "01:28:00"}, {"day": 0, "flight": "AA972", "utc": "13:22:00"}, {"day": 0, "flight": "AA512", "utc": "00:38:00"}, {"day": 1, "flight": "AA071", "utc": "14:33:00"}, {"day": 1, "flight": "AA319", "utc": "22:01:00"}, {"day": 1, "flight": "AA536", "utc": "00:35:00"}, {"day": 1, "flight": "AA698", "utc": "22:27:00"}, {"day": 1, "flight": "AA184", "utc": "03:35:00"}, {"day": 2, "flight": "AA541", "utc": "08:22:00"}, {"day": 2, "flight": "AA826", "utc": "20:37:00"}, {"day": 2, "flight": "AA784", "utc": "00:54:00"}, {"day": 3, "flight": "AA924", "utc": "02:01:00"}, {"day": 4, "flight": "AA020", "utc": "18:38:00"}, {"day": 4, "flight": "AA880", "utc": "10:58:00"}, {"day": 4, "flight": "AA788", "utc": "15:51:00"}, {"day": 4, "flight": "AA015", "utc": "23:23:00"}, {"day": 5, "flight": "AA330", "utc": "11:27:00"}, {"day": 6, "flight": "AA235", "utc": "02:57:00"}], "sourceairport": "JFK", "stops": 0, "type": "route"}
2 [{"_type": "default", "default": "default", "address": "400 2nd Street, San Juan Bautista, CA", "alt": null, "city": "Watsonville", "content": "The 15th mission, Bautista founded in 1797 by Fernn lasuen. One of the larger and more successful missions in the 18th century, it is the only mission with a three-aisled church. The resting place of Father Estevan Tapls, who led the mission system from 1883 to 1812, and later served as the mission's choir director, solidifying Bautista's reputation as the 'Hub' of the mission system. During secularization, the mission housed survivors of the Donner Party, and contains some of their artifacts to this day. Major restorations took place in 1984, 1949, and 2010. Alfred Hitchcock fans will likely recognize the mission from the climatic scene of the classic film 'Vertigo'; unfortunately, the bell tower in the movie was a fake and looks nothing like the real one, but the rest of the mission scenes were indeed shot here. Contains furnishings from the mid-19th century, including ca. 1810 altar statues and screens.", "country": "United States", "direction": null, "email": null, "geo": {"accuracy": "APPROXIMATE", "lat": 36.45319, "lon": -121.536151}, "hours": "Daily 9:30am-4:30pm, except major holidays", "id": "37519", "image": null, "name": "Mission San Juan Bautista", "phone": "41 831 923-2127", "price": "$4 adults, $3 seniors, $2 children, Under 5 years - free", "state": "California", "title": "El Camino Real", "tollfree": null, "type": "landmark", "url": "http://www.oldmissionsjfb.org/"}
3 [{"_type": "default", "default": "default", "airline": "AA", "airlineid": "airline_454", "destinationairport": "MIA", "distance": 1750.5904170129515, "equipment": "757 738", "id": "5403", "schedule": [{"day": 0, "flight": "AA049", "utc": "20:24:00"}, {"day": 1, "flight": "AA707", "utc": "13:56:00"}, {"day": 1, "flight": "AA824", "utc": "15:57:00"}, {"day": 1, "flight": "AA503", "utc": "23:27:00"}, {"day": 2, "flight": "AA058", "utc": "10:30:00"}, {"day": 3, "flight": "AA932", "utc": "13:11:00"}, {"day": 3, "flight": "AA793", "utc": "09:36:00"}, {"day": 4, "flight": "AA154", "utc": "14:24:00"}, {"day": 4, "flight": "AA649", "utc": "11:49:00"}, {"day": 4, "flight": "AA352", "utc": "18:14:00"}, {"day": 4, "flight": "AA733", "utc": "19:22:00"}, {"day": 4, "flight": "AA649", "utc": "01:13:00"}, {"day": 5, "flight": "AA252", "utc": "03:26:00"}, {"day": 5, "flight": "AA388", "utc": "04:57:00"}, {"day": 6, "flight": "AA472", "utc": "18:51:00"}, {"day": 6, "flight": "AA930", "utc": "02:43:00"}, {"day": 6, "flight": "AA381", "utc": "10:35:00"}], "sourceairport": "EWR", "stops": 0, "type": "route"}
4 [{"_type": "default", "default": "default", "airline": "WN", "airlineid": "airline_454", "destinationairport": "TSP", "distance": 353.30972042071457, "equipment": "73W", "id": "63608", "schedule": [{"day": 0, "flight": "WN792", "utc": "20:43:00"}, {"day": 0, "flight": "WN371", "utc": "15:20:00"}, {"day": 0, "flight": "WN849", "utc": "01:19:00"}, {"day": 1, "flight": "WN732", "utc": "15:22:00"}, {"day": 1, "flight": "WN723", "utc": "05:49:00"}, {"day": 1, "flight": "WN691", "utc": "19:30:00"}, {"day": 1, "flight": "WN444", "utc": "18:02:00"}, {"day": 1, "flight": "WN622", "utc": "15:11:00"}, {"day": 2, "flight": "WN972", "utc": "12:22:00"}, {"day": 2, "flight": "WN677", "utc": "21:47:00"}, {"day": 2, "flight": "WN944", "utc": "20:08:00"}, {"day": 2, "flight": "WN882", "utc": "06:16:00"}, {"day": 2, "flight": "WN638", "utc": "21:46:00"}, {"day": 3, "flight": "WN322", "utc": "18:05:00"}, {"day": 3, "flight": "WN912", "utc": "11:27:00"}, {"day": 3, "flight": "WN216", "utc": "02:18:00"}, {"day": 3, "flight": "WN310", "utc": "00:40:00"}, {"day": 4, "flight": "WN139", "utc": "06:55:00"}, {"day": 5, "flight": "WN369", "utc": "23:41:00"}, {"day": 5, "flight": "WN504", "utc": "05:22:00"}, {"day": 6, "flight": "WN642", "utc": "23:38:00"}, {"day": 6, "flight": "WN122", "utc": "12:30:00"}], "sourceairport": "BWI", "stops": 0, "type": "route"}
5 [{"_type": "default", "default": "default", "airline": "FL", "airlineid": "airline_1316", "destinationairport": "FLL", "distance": 1603.71589500041, "equipment": "73W", "id": "25087", "schedule": [{"day": 0, "flight": "FL514", "utc": "01:07:00"}, {"day": 1, "flight": "FL059", "utc": "07:54:00"}, {"day": 1, "flight": "FL787", "utc": "17:42:00"}, {"day": 1, "flight": "FL764", "utc": "20:37:00"}, {"day": 1, "flight": "FL160", "utc": "18:06:00"}, {"day": 2, "flight": "FL357", "utc": "14:34:00"}, {"day": 2, "flight": "FL466", "utc": "20:01:00"}, {"day": 2, "flight": "FL664", "utc": "07:22:00"}, {"day": 2, "flight": "FL020", "utc": "01:26:00"}, {"day": 2, "flight": "FL539", "utc": "01:52:00"}, {"day": 3, "flight": "FL790", "utc": "12:33:00"}, {"day": 3, "flight": "FL926", "utc": "06:45:00"}, {"day": 4, "flight": "FL951", "utc": "11:55:00"}, {"day": 4, "flight": "FL751", "utc": "15:44:00"}, {"day": 5, "flight": "FL846", "utc": "14:46:00"}, {"day": 5, "flight": "FL813", "utc": "12:26:00"}, {"day": 5, "flight": "FL095", "utc": "22:06:00"}, {"day": 5, "flight": "FL243", "utc": "19:59:00"}, {"day": 6, "flight": "FL846", "utc": "01:01:00"}, {"day": 6, "flight": "FL105", "utc": "03:16:00"}, {"day": 6, "flight": "FL562", "utc": "11:41:00"}, {"day": 6, "flight": "FL630", "utc": "19:53:00"}], "sourceairport": "FLL", "stops": 0, "type": "route"}
6 [{"_type": "default", "default": "default", "airline": "F9", "airlineid": "airline_1316", "destinationairport": "SAT", "distance": 1808.7782133672645, "equipment": "738", "id": "25117", "schedule": [{"day": 0, "flight": "FL100", "utc": "02:55:00"}, {"day": 1, "flight": "FL244", "utc": "10:22:00"}, {"day": 1, "flight": "FL464", "utc": "01:33:00"}, {"day": 1, "flight": "FL958", "utc": "02:08:00"}, {"day": 2, "flight": "FL535", "utc": "01:44:00"}, {"day": 2, "flight": "FL625", "utc": "21:14:00"}, {"day": 2, "flight": "FL884", "utc": "18:13:00"}, {"day": 3, "flight": "FL079", "utc": "08:29:00"}, {"day": 3, "flight": "FL302", "utc": "20:45:00"}, {"day": 3, "flight": "FL797", "utc": "23:53:00"}, {"day": 3, "flight": "FL502", "utc": "04:51:00"}, {"day": 4, "flight": "FL757", "utc": "23:18:00"}, {"day": 4, "flight": "FL933", "utc": "00:52:00"}, {"day": 4, "flight": "FL315", "utc": "07:29:00"}, {"day": 5, "flight": "FL312", "utc": "02:44:00"}, {"day": 5, "flight": "FL282", "utc": "23:32:00"}, {"day": 5, "flight": "FL548", "utc": "08:23:00"}, {"day": 6, "flight": "FL018", "utc": "11:55:00"}, {"day": 6, "flight": "FL828", "utc": "02:57:00"}], "sourceairport": "HOU", "stops": 1, "type": "route"}
7 [{"_type": "default", "default": "default", "airline": "WN", "airlineid": "airline_454", "destinationairport": "TSP", "distance": 1761.4522472943631, "equipment": "73W", "id": "63708", "schedule": [{"day": 0, "flight": "WN233", "utc": "00:26:00"}, {"day": 0, "flight": "WN990", "utc": "07:48:00"}, {"day": 0, "flight": "WN184", "utc": "15:51:00"}, {"day": 0, "flight": "WN256", "utc": "18:20:00"}, {"day": 1, "flight": "WN018", "utc": "09:44:00"}, {"day": 2, "flight": "WN778", "utc": "21:51:00"}, {"day": 2, "flight": "WN151", "utc": "12:56:00"}, {"day": 2, "flight": "WN702", "utc": "00:21:00"}, {"day": 3, "flight": "WN842", "utc": "00:34:00"}, {"day": 4, "flight": "WN171", "utc": "08:18:00"}, {"day": 4, "flight": "WN679", "utc": "23:18:00"}, {"day": 5, "flight": "WN947", "utc": "03:12:00"}, {"day": 5, "flight": "WN251", "utc": "20:36:00"}, {"day": 6, "flight": "WN179", "utc": "09:04:00"}], "sourceairport": "FLL", "stops": 0, "type": "route"}
8 [{"_type": "default", "default": "default", "airline": "DL", "airlineid": "airline_2009", "destinationairport": "MUC", "distance": 1701.963554173691, "equipment": "764", "id": "20196", "schedule": [{"day": 0, "flight": "DL699", "utc": "14:09:00"}, {"day": 0, "flight": "DL144", "utc": "05:10:00"}, {"day": 0, "flight": "DL930", "utc": "02:40:00"}, {"day": 0, "flight": "DL413", "utc": "22:39:00"}, {"day": 1, "flight": "DL510", "utc": "20:21:00"}, {"day": 1, "flight": "DL900", "utc": "06:05:00"}, {"day": 1, "flight": "DL294", "utc": "04:12:00"}, {"day": 1, "flight": "DL018", "utc": "16:51:00"}, {"day": 1, "flight": "DL283", "utc": "22:49:00"}, {"day": 2, "flight": "DL511", "utc": "15:32:00"}, {"day": 2, "flight": "DL813", "utc": "04:28:00"}, {"day": 2, "flight": "DL159", "utc": "19:05:00"}, {"day": 2, "flight": "DL283", "utc": "22:49:00"}]
```

Import Command: `./cbimport json -c couchbase://127.0.0.1 -u ajay -b NewtravelSample -f lines -d file:///home/ajay/Downloads/travelSample.json -t 4 -g %id% -p`

Adding new Bucket(NewtravelSample):



Add Data Bucket

Name
NewtravelSample

Memory Quota in megabytes per server node
8446 MB

other buckets (400 MB) this bucket (8.24 GB) remaining (0 B)

Bucket Type
☒ Couchbase ☐ Memcached ☐ Ephemeral

► Advanced bucket settings

Cancel Add Bucket

CLI (Import):

```
ajay@ajay-Predator-PH315-S1:/opt/couchbase/bin$ ./cbimport json -c couchbase://127.0.0.1 -u ajay -b NewtravelSample -f lines -d file:///home/ajay/Downloads/travelSample.json -t 4 -g %id% -p
Password:
JSON 'file:///home/ajay/Downloads/travelSample.json' imported to 'couchbase://127.0.0.1' successfully
Documents imported: 31591 Documents failed: 0
ajay@ajay-Predator-PH315-S1:/opt/couchbase/bin$
```

After import(Web UI):

BETA · PREVIEW MODE · UNSUPPORTED · NOT FOR USE IN PRODUCTION

activity help ⌵ ajoy ⌵

springAU > Documents





























ADD DOCUMENT

Edit ⌵ Import

Location bucket.scope.collection Limit 10 Offset 0 Document ID optional... show range N1QL WHERE no indexes available...

Retrieve Docs

10 Results for NewtravelSample_default_default, limit: 10, offset: 0 enable field editing < prev batch | next batch >

	id	
   	10	{ "_default": "_default", "callsign": "MILE-AIR", "country": "United States", "iata": "Q5", "icao": "MLA", "id": 10, "name": "40-Mile Air", "type": "airline" }
   	10000	{ "_default": "_default", "airline": "AF", "airlineid": "airline_137", "destinationairport": "MRS", "d1.617376098415", "equipment": "320", "id": 10000, "schedule": { ("day": 0, "flight": "AF198"...
   	10001	{ "_default": "_default", "airline": "AF", "airlineid": "airline_137", "destinationairport": "NCE", "d5.2013399811754", "equipment": "320", "id": 10001, "schedule": { ("day": 0, "flight": "AF248...
   	10002	{ "_default": "_default", "airline": "AF", "airlineid": "airline_137", "destinationairport": "CDG", "d8.296323466084", "equipment": "772", "id": 10002, "schedule": { ("day": 0, "flight": "AF678"...
   	10003	{ "_default": "_default", "airline": "AF", "airlineid": "airline_137", "destinationairport": "ATL", "d9546621929924", "equipment": "757 739", "id": 10003, "schedule": { ("day": 0, "flight": "AF...
   	10004	{ "_default": "_default", "airline": "AF", "airlineid": "airline_137", "destinationairport": "AMS", "d2.50092891188", "equipment": "777", "id": 10004, "schedule": { ("day": 0, "flight": "AF545",...
   	10005	{ "_default": "_default", "airline": "AF", "airlineid": "airline_137", "destinationairport": "MNL", "d5.4394367597245", "equipment": "777", "id": 10005, "schedule": { ("day": 0, "flight": "AF117...

Warning: At least two servers with the data service are required to provide replication.

Creating PRIMARY INDEX on NewtravelSample

BETA · PREVIEW MODE · UNSUPPORTED · NOT FOR USE IN PRODUCTION

activity help ⌵ ajoy ⌵

springAU > Query

IMPORT EXPORT

Workbench ⌵

Query Editor

1 CREATE PRIMARY INDEX ON `default`.`NewtravelSample`;

Execute Explain External Query Advisor success just now elapsed: 3.2s execution: 3.2s format

Query Results

```
1 {
2   "results": []
3 }
```

Table JSON Tree Plan Plan Text

Data Insights

- NewtravelSample 1 collection
 - _default scope 28579 docs
 - beer-sample 1 collection
 - travel-sample 1 collection

Simple Select with limit as 100 on NewtravelSample

BETA · PREVIEW MODE · UNSUPPORTED · NOT FOR USE IN PRODUCTION

activityhelpajay

springAU > Query

IMPORTEXPORT

Workbench

Dashboard

Servers

Buckets

XDCR

Security

Settings

Logs

Documents

Query

Indexes

Search

Views

Query Editor

< history (38/38) >

bucket.scope

1 select * from 'NewtravelSample' limit 100;

Execute

Explain

External Query Advisor success just now | elapsed: 19.7ms | execution: 19.6ms
docs: 100 | size: 253858 bytes

format

Query Results

TableJSONTreePlanPlan Text

1 [

2 {

3 "NewtravelSample": {

4 "": "_default",

5 "_default": "_default",

6 "callsign": "MILE-AIR",

7 "country": "United States",

8 "iata": "Q5",

9 "icao": "MLA",

10 "id": 10,

11 "name": "40-Mile Air",

12 "type": "Airline"

Warning: At least two servers with the data service are required to provide replication.

Data Insights

NewtravelSample 1 collection

_default scope 28579 docs

beer-sample 1 collection

travel-sample 1 collection

Refresh